

Kansas Department of Health and Environment

Bureau of Environmental Remediation, Remedial Section

State Water Plan Contamination Remediation Program



West Blanchard Street

Background:

Trichloroethylene (TCE) was identified in six of twelve domestic wells sampled in 1997, during an investigation of the nearby former OXY USA Inc. Liquid Gas Refinery. Analytical results from sampling efforts failed to identify a source area for the TCE contamination. TCE is suspected to be a carcinogen. The risk of cancer depends on the concentration of the contaminant and duration of exposure. The site was referred to KDHE's State Water Plan (SWP) program to evaluate options of providing safe drinking water to the impacted residences.

Solution:

KDHE held a public meeting February 3, 1998, to discuss ground water contamination and options for providing safe drinking water to local residents. It was decided at the public meeting that the most feasible solution was to connect residents in the area of south Hutchison to the public water supply. KDHE/SWP paid for the initial capital costs including the extension of the water line up to area homes and installation of water meters for each residence. In August 1998, KDHE installed approximately 2,100 feet of water line and 11 meter boxes to residences along West Blanchard Street thus ensuring safe drinking water to area residents.

Benefits:

- Extended city main line and connected 11 residences to city water.



Residences connected to water extension line in yellow.

